

**5.7.4 Thermal Distribution Equipment Design Load and Electricity Intensities by System Type**

	Design Load Intensity (W/SF)			End Use Intensity (kWh/SF)		
	<u>Central VAV</u>	<u>Central CAV</u>	<u>Packaged CAV</u>	<u>Central VAV</u>	<u>Central CAV</u>	<u>Packaged CAV</u>
Condenser Fan			0.3			0.2
Cooling Tower Fan	0.2	0.2		0.1	0.2	
Condenser Water Pump	0.2	0.2		0.3	0.3	
Chilled Water Pump	0.2	0.2		0.1	0.2	
Supply & Return Fans	0.7	0.5	0.6	1.2	1.9	1.9
Chiller/Compressor	1.9	1.8	3.3	1.7	2.3	4.0

Source(s): BTS/A.D. Little, Energy Consumption Characteristics of Commercial Building HVAC Systems, Volume II: Thermal Distribution, Auxiliary Equipment, and Ventilation, Oct. 1999, Table 5-11 p. 5-22.